**Supplemental Table 3** The summary of SNPs with P-value <1×10-5 for association with TC in typed GWAS data

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| SNP | Chr band | CHR | BP | *P*-value | Closest genes or genes | Official full name |  |
| **rs7107698** | 11p15.4 | 11 | 10,470,744 | 2.29E-06 | *AMPD3* | Adenosine monophosphate deaminase 3 |
| **rs4909928** | 11p15.4 | 11 | 10,470,275 | 2.29E-06 | *AMPD3* | Adenosine monophosphate deaminase 3 |
| **rs12184411** | 11p15.4 | 11 | 10,473,170 | 2.29E-06 | *AMPD3* | Adenosine monophosphate deaminase 3 |
| **kgp6520322**(rs10840418) | 11p15.4 | 11 | 10,467,636 | 2.45E-06 | *AMPD3* | Adenosine monophosphate deaminase 3 |
| rs3263 | 17p13.3 | 17 | 908,795 | 3.62E-06 | *ABR* | Active BCR-related |
| rs310892 | 5p14.3,5p14.2 | 5 | 23,195,394 | 7.59E-06 | *LOC105374687* | Uncharacterized LOC105374687 |
| rs13129710 | 4q28.3 | 4 | 138,229,547 | 7.88E-06 | *LOC105377441* | Long intergenic non-protein coding RNA 2511 |
| rs1425971 | 4q28.3 | 4 | 138,228,499 | 9.81E-06 | *LOC105377441* | Long intergenic non-protein coding RNA 2511 |

**Note**: kgp, 1000 Genomes Project; CHR, chromosome; The content discussed in detail were in bold.